

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-------|------------------|---------|------------------|
| L1 | 12 | 370/352-356.ccls. and (packet with over with sonet) | USPAT | OR | OFF | 2005/05/02 09:36 |
| L2 | 4 | 370/352-356.ccls. and (ip with over with sonet) | USPAT | OR | OFF | 2005/05/02 09:37 |
| L3 | 10 | 370/352-356.ccls. and (oc-192) | USPAT | OR | OFF | 2005/05/02 09:36 |
| L4 | 2 | 370/395.5.ccls. and (oc-192) | USPAT | OR | OFF | 2005/05/02 09:36 |
| L5 | 10 | 370/466.ccls. and (oc-192) | USPAT | OR | OFF | 2005/05/02 09:36 |
| L6 | 7 | 370/474.ccls. and (oc-192) | USPAT | OR | OFF | 2005/05/02 09:36 |
| L7 | 29 | 370/535-539.ccls. and (oc-192) | USPAT | OR | OFF | 2005/05/02 09:36 |
| L8 | 4 | 370/395.5.ccls. and (packet with over with sonet) | USPAT | OR | OFF | 2005/05/02 09:36 |
| L9 | 12 | 370/466.ccls. and (packet with over with sonet) | USPAT | OR | OFF | 2005/05/02 09:37 |
| L10 | 15 | 370/474.ccls. and (packet with over with sonet) | USPAT | OR | OFF | 2005/05/02 09:37 |
| L11 | 9 | 370/535-539.ccls. and (packet with over with sonet) | USPAT | OR | OFF | 2005/05/02 09:37 |
| L12 | 3 | 370/395.5.ccls. and (ip with over with sonet) | USPAT | OR | OFF | 2005/05/02 09:37 |
| L13 | 9 | 370/466.ccls. and (ip with over with sonet) | USPAT | OR | OFF | 2005/05/02 09:37 |
| L14 | 4 | 370/474.ccls. and (ip with over with sonet) | USPAT | OR | OFF | 2005/05/02 09:37 |
| L15 | 5 | 370/535-539.ccls. and (ip with over with sonet) | USPAT | OR | OFF | 2005/05/02 09:37 |
| S1 | 177 | sub-rate | USPAT | OR | OFF | 2005/04/18 12:21 |
| S2 | 90 | S1 and protocol | USPAT | OR | OFF | 2005/04/18 12:22 |
| S3 | 0 | S2 and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/18 13:13 |
| S4 | 85 | S2 and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/18 12:23 |
| S5 | 0 | protocol and ("sub-rate" with streams with single) | USPAT | OR | OFF | 2005/04/18 12:21 |
| S6 | 0 | ("sub-rate" with streams with single) | USPAT | OR | OFF | 2005/04/18 12:21 |
| S7 | 3 | ("sub-rate" with streams) | USPAT | OR | OFF | 2005/04/18 12:21 |
| S8 | 164 | S1 and "370"/\$ | USPAT | OR | OFF | 2005/04/18 12:22 |
| S9 | 155 | S8 and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/19 14:57 |
| S10 | 357 | rate with adaptor | USPAT | OR | OFF | 2005/04/18 13:05 |
| S11 | 3 | (rate with (adaptor or adapter)) same framer | USPAT | OR | OFF | 2005/04/18 13:12 |
| S12 | 11 | protocols same rates same sonet same ethernet | USPAT | OR | OFF | 2005/04/18 13:13 |

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|-----|---------|-----------------------------------|-------|----|-----|------------------|
| S13 | 0 | S12 and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/18 13:14 |
| S14 | 78 | protocols same rates same sonet | USPAT | OR | OFF | 2005/04/18 13:13 |
| S15 | 0 | S14 and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/18 13:14 |
| S16 | 2313 | protocols same rates | USPAT | OR | OFF | 2005/04/18 13:14 |
| S17 | 64 | protocols same rates same streams | USPAT | OR | OFF | 2005/04/18 13:14 |
| S18 | 0 | S17 and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/18 13:14 |
| S19 | 57 | S17 and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/18 13:39 |
| S20 | 8 | S12 and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/28 14:35 |
| S21 | 455 | "oc-192" | USPAT | OR | OFF | 2005/04/18 14:08 |
| S22 | 2159026 | packet over sonet | USPAT | OR | OFF | 2005/04/18 13:26 |
| S23 | 137 | packet with over with sonet | USPAT | OR | OFF | 2005/04/18 14:08 |
| S24 | 114 | ip with over with sonet | USPAT | OR | OFF | 2005/04/18 14:12 |
| S25 | 238 | S21 and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/18 16:04 |
| S26 | 100 | S23 and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/18 14:22 |
| S27 | 238 | S25 and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/18 14:13 |
| S28 | 86 | S24 and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/18 13:33 |
| S29 | 0 | S28 and vu-huy.xp. | USPAT | OR | OFF | 2005/04/18 13:27 |
| S30 | 2 | S28 and huy | USPAT | OR | OFF | 2005/04/18 13:27 |
| S31 | 186 | rao-seema-s.xa. | USPAT | OR | OFF | 2005/04/18 13:28 |
| S32 | 680 | vu-huy-d.xp. | USPAT | OR | OFF | 2005/04/18 14:27 |
| S33 | 2 | S32 and S28 | USPAT | OR | OFF | 2005/04/18 13:32 |
| S34 | 5 | S32 and S25 | USPAT | OR | OFF | 2005/04/18 13:29 |
| S35 | 3 | S32 and S26 | USPAT | OR | OFF | 2005/04/18 13:29 |
| S36 | 3 | S32 and serializer | USPAT | OR | OFF | 2005/04/18 13:30 |
| S37 | 14 | serializer and S28 | USPAT | OR | OFF | 2005/04/18 13:35 |
| S38 | 19 | serializer and S24 | USPAT | OR | OFF | 2005/04/18 13:32 |
| S39 | 650 | S32 and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/18 13:35 |
| S40 | 62 | S39 and sonet | USPAT | OR | OFF | 2005/04/18 13:33 |
| S41 | 79 | serializer and framer | USPAT | OR | OFF | 2005/04/18 13:35 |
| S42 | 47 | S41 and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/18 13:39 |
| S43 | 127 | ciena.asn. and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/18 13:39 |
| S44 | 4 | S43 and serializer | USPAT | OR | OFF | 2005/04/18 13:39 |
| S45 | 26 | S25 and framer | USPAT | OR | OFF | 2005/04/18 13:40 |
| S46 | 19 | S25 and serializ\$ | USPAT | OR | OFF | 2005/04/18 13:59 |
| S47 | 172 | lucent.asn. and sonet | USPAT | OR | OFF | 2005/04/18 14:07 |
| S48 | 155 | S47 and (@AD<="2000820") | USPAT | OR | OFF | 2005/04/18 14:07 |
| S49 | 17 | "oc-192" and lucent.asn. | USPAT | OR | OFF | 2005/04/18 14:08 |

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| S50 | 5 | lucent.asn. and (packet with over with sonet) | USPAT | OR | OFF | 2005/04/18 14:08 |
| S51 | 8 | lucent.asn. and (ip with over with sonet) | USPAT | OR | OFF | 2005/04/18 14:12 |
| S52 | 10 | juniper.asn. and sonet | USPAT | OR | OFF | 2005/04/18 14:12 |
| S53 | 2 | S52 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/18 14:22 |
| S54 | 102 | multiprotocol and rate and sonet | USPAT | OR | OFF | 2005/04/18 14:22 |
| S55 | 88 | S54 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/28 14:43 |
| S56 | 66 | vu-huy-d.xp. and sonet | USPAT | OR | OFF | 2005/04/18 14:37 |
| S57 | 62 | S56 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/18 14:39 |
| S58 | 7 | vu-huy-d.xp. and "oc-192" | USPAT | OR | OFF | 2005/04/18 14:38 |
| S59 | 280 | framer and sonet | USPAT | OR | OFF | 2005/04/18 14:39 |
| S60 | 142 | framer and sonet and ethernet | USPAT | OR | OFF | 2005/04/18 14:39 |
| S61 | 96 | framer and sonet and ethernet and rates | USPAT | OR | OFF | 2005/04/18 14:40 |
| S62 | 74 | S61 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/18 15:35 |
| S63 | 19 | framer and sonet and ethernet and rates and serializer | USPAT | OR | OFF | 2005/04/18 15:12 |
| S64 | 15 | S63 and (deserializer or "de-serializer") | USPAT | OR | OFF | 2005/04/18 15:30 |
| S65 | 18 | S63 and clock | USPAT | OR | OFF | 2005/04/18 15:15 |
| S66 | 1 | "6430201".pn. and clock | USPAT | OR | OFF | 2005/04/18 15:28 |
| S67 | 0 | "6430201".pn. and (compress or compression) | USPAT | OR | OFF | 2005/04/18 15:29 |
| S68 | 0 | "6430201".pn. and stuffing | USPAT | OR | OFF | 2005/04/18 15:32 |
| S69 | 1 | S64 and (compress or compression) | USPAT | OR | OFF | 2005/04/18 15:31 |
| S70 | 1 | "5757416".pn. | USPAT | OR | OFF | 2005/04/18 15:31 |
| S71 | 1 | "5425101".pn. | USPAT | OR | OFF | 2005/04/18 15:32 |
| S72 | 1 | "5757416".pn. | USPAT | OR | OFF | 2005/04/18 15:32 |
| S73 | 7 | "6430201".uref. | USPAT | OR | OFF | 2005/04/18 15:33 |
| S74 | 0 | S73 and (compress or compression) | USPAT | OR | OFF | 2005/04/18 15:32 |
| S75 | 0 | sonet and Gbe and rates and ((deserializer or "de-serializer") with (compress or compression)) | USPAT | OR | OFF | 2005/04/18 15:34 |
| S76 | 0 | sonet and Gbe and ((deserializer or "de-serializer") with (compress or compression)) | USPAT | OR | OFF | 2005/04/18 15:33 |
| S77 | 0 | sonet and ((deserializer or "de-serializer") with (compress or compression)) | USPAT | OR | OFF | 2005/04/18 15:33 |

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| S78 | 0 | sonet and ((deserializer or "de-serializer") same (compress or compression)) | USPAT | OR | OFF | 2005/04/18 15:34 |
| S79 | 7 | sonet and ((deserializer or "de-serializer") and (compress or compression)) | USPAT | OR | OFF | 2005/04/18 15:34 |
| S80 | 1 | sonet and (deserializer or "de-serializer") and (compress or compression) and Gbe | USPAT | OR | OFF | 2005/04/18 15:34 |
| S81 | 1 | sonet and Gbe and rates and stuffing | USPAT | OR | OFF | 2005/04/18 15:35 |
| S82 | 1 | sonet and Gbe and stuffing | USPAT | OR | OFF | 2005/04/18 15:35 |
| S83 | 238 | sonet and stuffing | USPAT | OR | OFF | 2005/04/18 15:35 |
| S84 | 209 | S83 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/18 15:36 |
| S85 | 1 | S84 and serializer | USPAT | OR | OFF | 2005/04/18 15:36 |
| S86 | 897 | sonet and (fibre or fiber) and ethernet | USPAT | OR | OFF | 2005/04/18 15:36 |
| S87 | 698 | S86 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/18 15:38 |
| S88 | 59 | S86 and (@AD<="20000820") and stuffing | USPAT | OR | OFF | 2005/04/18 15:42 |
| S89 | 15 | S88 and (compress or compression) | USPAT | OR | OFF | 2005/04/18 15:38 |
| S90 | 896 | (serial with (compress or compression)) | USPAT | OR | OFF | 2005/04/18 15:57 |
| S91 | 802 | S90 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/18 15:38 |
| S92 | 9 | S91 and sonet | USPAT | OR | OFF | 2005/04/18 15:38 |
| S93 | 66 | stuffing with indicator | USPAT | OR | OFF | 2005/04/18 15:41 |
| S94 | 7 | S93 and sonet | USPAT | OR | OFF | 2005/04/18 15:42 |
| S95 | 6 | S94 and (@AD<="20000820") and stuffing | USPAT | OR | OFF | 2005/04/18 15:58 |
| S96 | 1334 | (serial\$ with (compress or compression)) | USPAT | OR | OFF | 2005/04/18 15:57 |
| S97 | 4 | ((serializer or deserializer or "de-serializer") with (compress or compression)) | USPAT | OR | OFF | 2005/04/18 15:58 |
| S98 | 0 | S97 and (@AD<="20000820") and stuffing | USPAT | OR | OFF | 2005/04/18 15:58 |
| S99 | 24 | ((serializer or deserializer or "de-serializer") same (compress or compression)) | USPAT | OR | OFF | 2005/04/18 15:59 |
| S100 | 2 | S99 and (@AD<="20000820") and stuffing | USPAT | OR | OFF | 2005/04/18 16:00 |
| S101 | 3 | ((deserializer or "de-serializer") same (compress or compression)) | USPAT | OR | OFF | 2005/04/18 16:00 |

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|----------|-----|--|-------|----|-----|------------------|
| S10 2 | 7 | sonet and serializer and compression | USPAT | OR | OFF | 2005/04/18 16:00 |
| S10 3 | 1 | S102 and (@AD<="20000820") and stuffing | USPAT | OR | OFF | 2005/04/18 16:01 |
| S10 4 | 4 | S102 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/18 16:02 |
| S10 5 | 14 | escon and ethernet and sonet | USPAT | OR | OFF | 2005/04/18 16:02 |
| S10 6 | 5 | S105 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/18 16:03 |
| S10 7 | 1 | S106 and compress\$ | USPAT | OR | OFF | 2005/04/18 16:03 |
| S10 8 | 18 | S21 and (@AD<="20000820") and (compress or compression) | USPAT | OR | OFF | 2005/04/18 16:05 |
| S10 9 | 0 | S21 and (@AD<="20000820") and (compress or compression) and serializer | USPAT | OR | OFF | 2005/04/18 16:05 |
| S11 0 | 133 | sonet and ((serial or serialize or serializer) same clock same recovery) | USPAT | OR | OFF | 2005/04/19 15:05 |
| S11 1 | 9 | sonet and ((serial or serialize or serializer) same clock same recovery same (compress or compression)) | USPAT | OR | OFF | 2005/04/19 14:56 |
| S11 2 | 9 | S111 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/28 14:45 |
| S11 3 | 88 | S110 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/19 14:59 |
| S11 4 | 16 | sonet and (serializer) same clock same recovery | USPAT | OR | OFF | 2005/04/19 15:00 |
| S11 5 | 3 | S114 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/19 15:06 |
| S11 6 | 83 | (serializer) same clock same recovery | USPAT | OR | OFF | 2005/04/19 15:00 |
| S11 7 | 50 | S116 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/19 15:04 |
| S11 8 | 28 | S117 and (sonet or optical) | USPAT | OR | OFF | 2005/04/19 15:05 |
| S11 9 | 3 | S117 and (sonet) | USPAT | OR | OFF | 2005/04/19 15:05 |
| S12 0 | 496 | sonet and ((serial or serialize or serializer) same clock) | USPAT | OR | OFF | 2005/04/19 15:05 |
| S12 1 | 38 | sonet and ((serializer) same clock) | USPAT | OR | OFF | 2005/04/19 15:05 |
| S12 2 | 10 | S121 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/19 15:16 |

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|----------|------|---|-------|----|-----|------------------|
| S12 3 | 0 | S122 and (compress or compression) | USPAT | OR | OFF | 2005/04/19 15:15 |
| S12 4 | 0 | S122 and (compress or compression or compressed) | USPAT | OR | OFF | 2005/04/19 15:16 |
| S12 5 | 40 | serializer same (compress or compression or compressed) | USPAT | OR | OFF | 2005/04/19 15:16 |
| S12 6 | 36 | S125 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/28 14:47 |
| S12 7 | 0 | S126 and sonet | USPAT | OR | OFF | 2005/04/19 15:16 |
| S12 8 | 1307 | (serial same parallel same conversion) and (compressed or compression or compress) | USPAT | OR | OFF | 2005/04/19 15:18 |
| S12 9 | 149 | (serial same parallel same conversion) same (compressed or compression or compress) | USPAT | OR | OFF | 2005/04/19 15:18 |
| S13 0 | 136 | S129 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/19 15:18 |
| S13 1 | 8 | S130 and sonet | USPAT | OR | OFF | 2005/04/19 15:19 |
| S13 2 | 0 | S130 and opticia | USPAT | OR | OFF | 2005/04/19 15:20 |
| S13 3 | 0 | S130 and (gibabit with ethernet) | USPAT | OR | OFF | 2005/04/19 15:20 |
| S13 4 | 43 | S130 and optical | USPAT | OR | OFF | 2005/04/19 15:33 |
| S13 5 | 1 | "6430201".pn. and payload | USPAT | OR | OFF | 2005/04/19 15:33 |
| S13 6 | 7 | sonet and (stuffing with indicator) | USPAT | OR | OFF | 2005/04/20 14:32 |
| S13 7 | 6 | S136 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/20 14:32 |
| S13 8 | 61 | sonet and (stuffing with byte) | USPAT | OR | OFF | 2005/04/20 14:38 |
| S13 9 | 49 | S138 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/20 14:39 |
| S14 0 | 19 | sonet and (stuffing.ab.) | USPAT | OR | OFF | 2005/04/20 14:38 |
| S14 1 | 17 | S140 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/20 15:52 |
| S14 2 | 1 | "6144667".pn. | USPAT | OR | OFF | 2005/04/20 15:52 |
| S14 3 | 138 | packet with over with sonet | USPAT | OR | OFF | 2005/04/28 14:35 |
| S14 4 | 101 | S143 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/28 14:46 |

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|----------|----|---|-------|----|-----|------------------|
| S14 5 | 70 | S144 and ethernet | USPAT | OR | OFF | 2005/04/28 14:36 |
| S14 6 | 23 | S144 and (gigabit with ethernet) | USPAT | OR | OFF | 2005/04/28 14:36 |
| S14 7 | 0 | "6430201".pn. and compress\$ | USPAT | OR | OFF | 2005/04/28 14:43 |
| S14 8 | 0 | "6430201".pn. and compress | USPAT | OR | OFF | 2005/04/28 14:44 |
| S14 9 | 0 | "6430201".pn. and compression | USPAT | OR | OFF | 2005/04/28 14:44 |
| S15 0 | 0 | "6430201".pn. and compress\$ | USPAT | OR | OFF | 2005/04/28 14:44 |
| S15 1 | 3 | sonet and (serializer with compress\$) | USPAT | OR | OFF | 2005/04/28 14:45 |
| S15 2 | 3 | S151 and (@AD<="20000820") | USPAT | OR | OFF | 2005/04/28 14:46 |